


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 1022-10B4BS		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 720 929-6587		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL mary.mondragon@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UO 01197A		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1066 FNL 1483 FEL	NWNE	10	10.0 S	22.0 E	S
Top of Uppermost Producing Zone	703 FNL 1680 FEL	NWNE	10	10.0 S	22.0 E	S
At Total Depth	703 FNL 1680 FEL	NWNE	10	10.0 S	22.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 703		23. NUMBER OF ACRES IN DRILLING UNIT 203		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 413		26. PROPOSED DEPTH MD: 8635 TVD: 8600		
27. ELEVATION - GROUND LEVEL 5058		28. BOND NUMBER 22013542		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Kathy Schneebeck-Dulnoan		TITLE Staff Regulatory Analyst		PHONE 720 929-6007		
SIGNATURE		DATE 04/22/2009		EMAIL Kathy.SchneebeckDulnoan@anadarko.com		
API NUMBER ASSIGNED 43047503590000		APPROVAL  Permit Manager				

T10S, R22E, S.L.B.&M.

Found 1991
Aluminum Cap,
Pile of Stones.

N89°15'W 39.86 (G.L.O.)
N89°16'38"W - 2630.43' (Meas.)

S89°55'W 39.65 (G.L.O.)
2616.59' (Measured)

S89°53'55"W (Basis of Bearings)

Found 1991
Aluminum Cap,
Steel Post &
Pile of Stones.

N0°03'W - 40.09 (G.L.O.)
N00°04'27"W - 2645.94' (Meas.)

19.93 (G.L.O.) 19.93 (G.L.O.)

39.92 (G.L.O.)
19.96 (G.L.O.)
N89°29'W
39.82 (G.L.O.)
19.91 (G.L.O.)

N00°00'07"E
1312.28' (Meas.)
19.88 (G.L.O.)
79.89 (G.L.O.)
19.88 (G.L.O.)

Found 1991
Aluminum Cap,
Steel Post &
Pile of Stones.

Bottom of Hole

Well Surface Position

Found 1991
Aluminum Cap,
Pile of Stones.

703'
1066'

1680'

1483'

N89°54'W 39.70 (G.L.O.)

120.0051 (G.L.O.)
N00°08'03"W - 2640.57' (Meas.)

N0°06'W - 40.18 (G.L.O.)

ELEV. UNGRADED GROUND = 5058.3'

N89°43'W

10

79.55 (G.L.O.)

39.75 (G.L.O.)

Found 1991
Aluminum Cap,
Pile of Stones.

N0°06'W - 80.02 (G.L.O.)

NBU 1022-10B4BS (Surface Position)

NAD 83 LATITUDE = 39.967781° (39° 58' 04.011")

LONGITUDE = 109.421941° (109° 25' 18.989")

NAD 27 LATITUDE = 39.967815° (39° 58' 04.135")

LONGITUDE = 109.421259° (109° 25' 16.533")

NBU 1022-10B4BS (Bottom Hole)

NAD 83 LATITUDE = 39.968777° (39° 58' 07.599")

LONGITUDE = 109.422645° (109° 25' 21.523")

NAD 27 LATITUDE = 39.968812° (39° 58' 07.723")

LONGITUDE = 109.421963° (109° 25' 19.067")

N89°48'W - 39.69 (G.L.O.)

N89°52'W - 39.86 (G.L.O.)

NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- The Bottom of hole bears N28°33'05"W 413.31' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee

Oil & Gas Onshore, LP

1099 18th Street - Denver, Colorado 80202

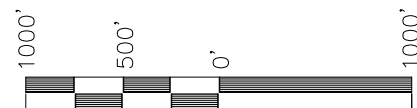
NBU 1022-10B4BS

WELL PLAT

703' FNL, 1680' FEL (Bottom Hole)

**NW ¼ NE ¼ OF SECTION 10, T10S, R22E,
S.L.B.&M. UTAH COUNTY, UTAH.**

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH
Kerry R. Kay

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 09-15-08	SURVEYED BY: M.S.B.	SHEET 3 OF 13
DATE DRAWN: 10-06-08	DRAWN BY: E.M.S.	
SCALE: 1" = 1000'	Date Last Revised: 01-22-09	